

## SAFETY DATA SHEET

### CALCIUM CITRATE

### PRODUCT # CALCIUM-1879

**Distributor Name:** Bella Corp Trading Pty Ltd  
**Address:** 6/34 Dominions Road, Ashmore QLD 4214, Australia  
**Telephone:** 07 5597 4169  
**Email:** bellacorp@bellacorp.com.au

#### 1. IDENTIFICATION

**Product name:** Calcium Citrate  
**Product Information:** Mineral Salt  
**Emergency telephone:** CHEMTREC: 1-703-741-5500 (International) (24 hours)  
NSW Poisons Information Centre: **131 126** (24 hours)

#### 2. HAZARDS IDENTIFICATION

**Classification according to Regulation (EC) No. 1272/2008:** None  
**Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** None  
This product is not hazardous according to EEC directives 67/548/EEC and /1999/45/EC.  
This product is not hazardous according to EEC directives 67/548/EEC/1999 /45/EC or regulation (EC) No. 1272/2008.

**Hazard Pictograms:** None  
**Signal word:** None  
**Hazard Determining components of labelling:** None  
**Hazard Statements:** None  
This Product is not required to be labelled according to EEC directives 67/548/EEC /1999/45/EC.

Risk of dust explosion. May cause eye and skin irritation with susceptible persons.

#### 3. COMPOSITION & INFORMATION ON INGREDIENTS

**Chemical name of the substance:** Calcium Citrate

**Synonyms:** Tricalcium 2-hydroxy propane-1,2,3- tricarboxylate tetrahydrate

**Molecular Formula:**  $C_{12}H_{18}Ca_3O_{18}$   
**Molecular Weight:** 570.5  
**CAS No.:** 5785-44-4

**Composition:** 100%

#### 4. FIRST AID MEASURES

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye:** Rinse opened eye cautiously for several minutes under running water. Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin:** Instantly wash with soap and water; rinse thoroughly and get medical advice/attention.

**Inhalation:** Supply fresh air, consult medical help if symptoms arise and get medical advice/attention.

**Ingestion:** Drink water. Get immediate medical advice/attention.

#### 5. FIREFIGHTING MEASURES

**Flash Point:** Not Available

**Flammable Limits:** Not Available

**Auto-Ignition temperature:** Not Applicable

**Extinguishing Media:** Use media that is appropriate to treat surrounding fire.

**Firefighting procedure:** Use firefighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full firefighting turnout gear.

**Unusual Fire Explosion Hazard:** During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

#### 6. ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

#### 7. HANDLING & STORAGE

**Handling:** Use with adequate ventilation. Avoid breathing dust, contact with eyes. Use normal personal hygiene and housekeeping.

**Storage:** Store in well-closed container away from other incompatible materials at ambient temperature and humidity conditions. Product may be slightly hygroscopic and should be stored in a dry area to prevent moisture pickup and caking.

#### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

While handling, use appropriate Personal Protective Equipment (PPEs).

#### 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** White, odourless, crystalline powder

**Solubility:** Slightly soluble in water. Freely soluble in diluted 3N HCl and in diluted 2N HNO<sub>3</sub>. Insoluble in alcohol.

## 10. STABILITY & REACTIVITY

<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Hazardous Polymerization:</b>	Will not occur under normal conditions.
<b>Hazardous Decomposition Products:</b>	Carbon monoxide and carbon dioxide.
<b>Keep away from:</b>	Strong Oxidizers.

## 11. TOXICOLOGICAL INFORMATION

**Local effects:** May cause eye and skin irritation with susceptible persons. General toxicity of Ferrous salts.  
**Specific effects:** No carcinogenic or mutagenic properties.

## 12. ECOLOGICAL INFORMATION

Not available.

## 13. DISPOSAL CONSIDERATIONS

Do not flush into sewer system or allow contact with water system. Do not dispose of with garbage.

## 14. TRANSPORT INFORMATION

The product is not classified as dangerous goods according to international regulations.

## 15. REGULATORY INFORMATION

Not available.

## 16. OTHER INFORMATION

The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions.  
It does not represent any guarantee of the properties of the product. The manufacturer shall not be held liable for any damage resulting from handling or from contact with the above product.

**Review date: 22 Sep 2022**